

ABSTRACT OF THE DISCLOSURE

This invention discloses a multiple differential volume tube measurement quantity conveying device and its conveying method thereof. The device includes volume tubes, inlet pipes and outlet pipes, in which there are at least two set of volume tubes divided into two groups. The inlet pipe of the volume tube is connected with a main inlet pipe and the outlet pipe of the volume tube is connected with a main outlet pipe. Drive mechanisms to be arranged to drive the volume tubes respectively. The drive mechanism is connected with a controller in complementary manner at the same time.

10 The first step of conveying method is to confirm the conveying state of any referenced volume tube group. The second step is to decide the compensatory conveying volume and the conveying volume of the referenced volume tube groups. This invention improves the technical performance of the measurement and quantitative conveying of a volume tube device, measurement conveying pump and volume tube measurement

15 conveying pump, in which the fluid flows smoothly and continuously.